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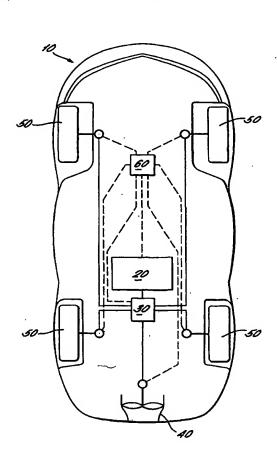
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(54) Title: A PROPULSION SYSTEM FOR AN AMPHIBIOUS VEHICLE



(57) Abstract: Amphibious vehicle (10), with reference to fig. 1, which may plane on water, has a propulsion system comprising prime mover (20), power transmission means (30), marine propulsion means (40), and land propulsion means (50). Vehicle (10) is operable in marine mode or land mode. Common controls are used on land and water; the steering control travel may be the same in each mode. Power is transmitted to the marine propulsion means in marine mode; and to both marine and land propulsion means in land mode. The power transmission ratio between land and marine propulsion means may be variable in land mode. The propulsion control means (60) may comprise electronic processing means and/or electrical, mechanical, hydraulic, or electromechanical actuation devices, or any combination thereof. Prime mover (20) may comprise an internal combustion engine; an electric motor; a fuel cell; a hybrid engine; or any combination thereof. The transmission means may be mechanical, electric, or hydraulic.

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